



Centralized Internship Program Website for the College of Science at Bulacan State University

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KEY CHALLENGES

- Preparing for internships.
- **Difficulty in finding a suitable HTE.**
 - Location
 - Specialization
 - Nature of work
- **Duplication of necessary document**
 - Memorandum of Agreement (MOA)
- Lack of advancements in technology within the College of Science, BulSU.
- Internships are still managed manually
- No feedback experience from previous interns



THE STUDY SOUGHT TO ANSWER THE FOLLOWING QUESTIONS:

- 01** How can the following functionalities be implemented in the system?

- 02** How can the following features be effectively implemented in the system to address existing challenges?

- 03** How can the system's effectiveness and acceptability be evaluated based on the ISO/IEC 25010 standard?

- 04** How can the system's effectiveness and acceptability be evaluated based on the Technology Acceptance Model?





CENTRALIZED INTERNSHIP PROGRAM WEBSITE

Designed to improve the internship experience, InternConnect serves as a streamlined platform that supports both students and faculty throughout the internship process.

01 Features

- Categorized list of HTEs
- Templates and Documents
- Ratings, Reviews, and Bookmarks
- Guidelines for Internship Process

02 Functionalities

- Database for student and faculty records
- Document submission tool
- Real-time status tracking
- Search and Filtering system





STUDENTS



ADMINISTRATION



FACULTY



HTE



SIP COORDINATOR



RESEARCHERS



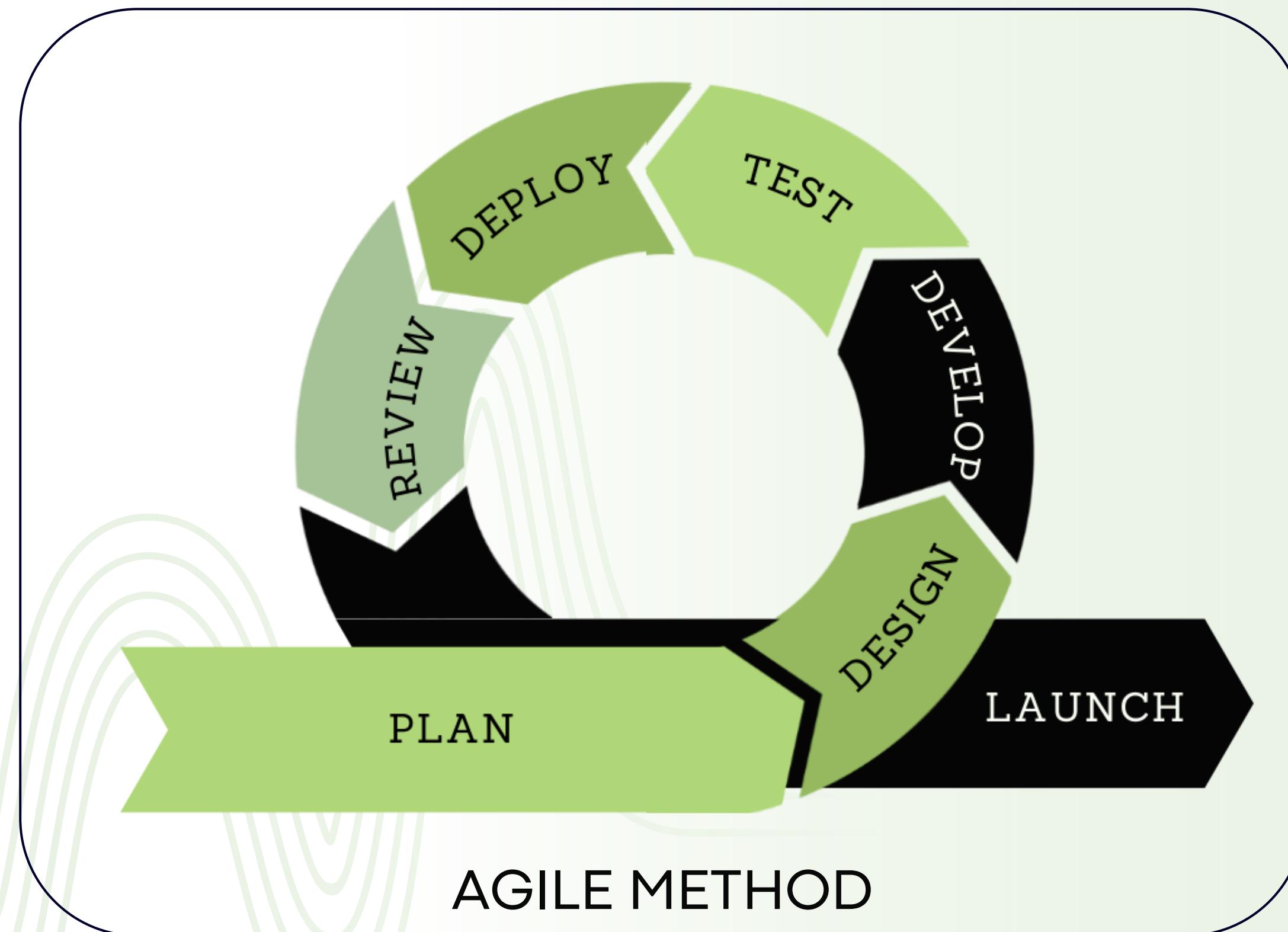
01 Scope

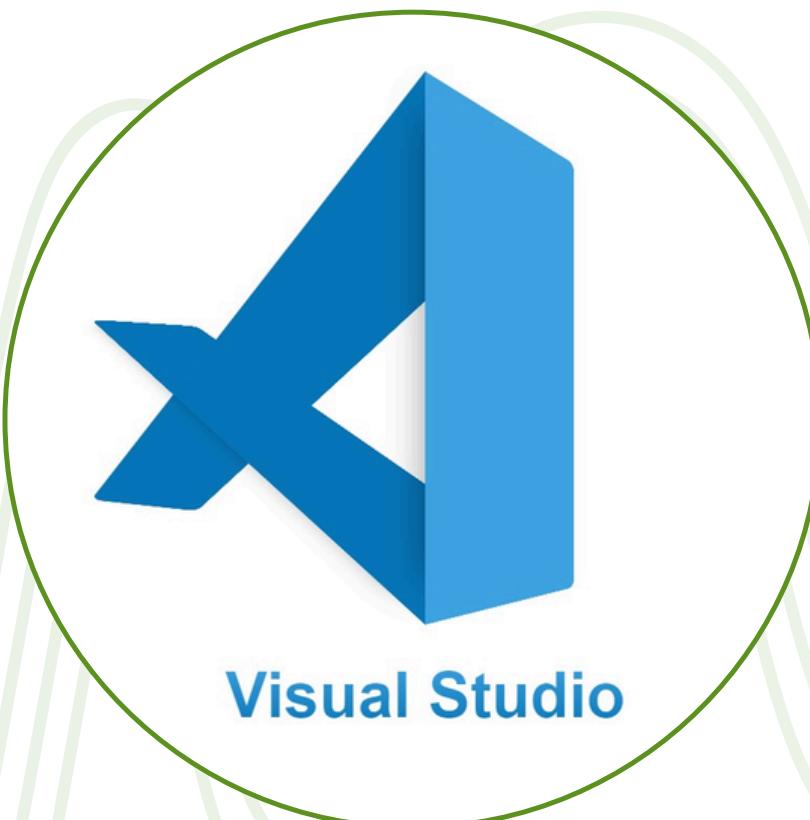
- Development, Deployment & Implementation of InternConnect
- Tools for Students
- Tools for Faculty
- Pilot testing phase to evaluate InternConnect's Functionality

02 Delimitations

- Time Constraints
- User Adoption
- Resource Availability
- Technological Challenges
 - Limited communication and Interaction between all the users of InternConnect
 - HTEs are not provided with system access







Domain Host & Cloud Storage:
HOSTINGER

Integrated Development Environment:
VISUAL STUDIO CODE





Database:
MYSQL



Programming Languages:
HTML, CSS, PHP, JAVASCRIPT



Minimum Hardware Requirements

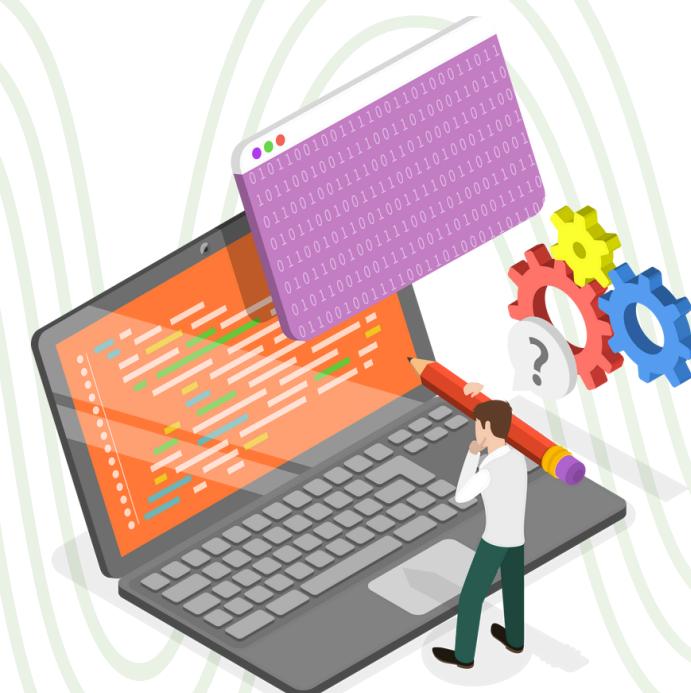
Processor: Intel Core i3 (8th Gen)/AMD Ryzen 3 or higher (Apple M1 for macOS).

RAM: 4 GB (8 GB recommended).

Storage: 10 GB free space (SSD recommended).

Internet: Broadband (5 Mbps or higher).

Display: 1366×768 (Full HD recommended).



Minimum Software Requirements

OS: Windows 10+, Ubuntu 20.04+, macOS 11+.

Browsers: Latest versions of Chrome, Firefox, Edge, or Safari.



MIXED METHOD APPLIED RESEARCH DESIGN

Applied Research

Quantitative Research



InternConnect was evaluated by the following individuals:

5

IT Experts

IT experts from the College of Information and Communications Technology.

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Faculty handling internship

faculty members handling internships in the College of Science.

248

Students

student interns who would undertake their internships during the midyear term in the College of Science.



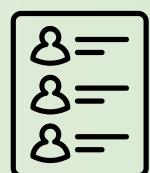
DATA COLLECTION

01 Survey questionnaires based on:

- ISO/IEC 25010 Standard
- TAM

02 Questionnaires were administered through

- in-person distribution
- Google Forms



DATA PROCESSING AND ANALYSIS

Descriptive Method



Rating Framework for Evaluating System Acceptability Using ISO/IEC 25010

8.01 - 10.00

HIGHLY ACCEPTABLE



6.01 - 8.00

ACCEPTABLE



4.01 - 6.00

FAIRLY ACCEPTABLE



2.01 - 4.00

SLIGHTY ACCEPTABLE



1.00 - 2.00

TOTALLY UNACCEPTABLE



Rating Framework for Evaluating System Acceptability Using TAM

4.50- 5.00

3.50 - 4.49

2.50 - 3.49

1.50 - 2.49

1.00 - 1.49

HIGHLY ACCEPTABLE



ACCEPTABLE



FAIRLY ACCEPTABLE



SLIGHTY ACCEPTABLE



TOTALLY UNACCEPTABLE



GRAND MEAN DISTRIBUTION OF IT EXPERTS

8.01 - 10.00

HIGHLY ACCEPTABLE

1.00 - 2.00

TOTALLY UNACCEPTABLE

CRITERIA

MEAN RATING

FUNCTIONAL SUITABILITY

9.53

PERFORMANCE EFFICIENCY

9.60

COMPATIBILITY

9.20

INTERACTION CAPABILITY

9.40

RELIABILITY

9.65

SECURITY

9.64

MAINTAINABILITY

9.60

FLEXIBILITY

10.00



OVERALL MEAN SCORE

HIGHLY

9.58

IT EXPERTS

ACCEPTABLE



GRAND MEAN DISTRIBUTION OF EVALUATION RESPONDENTS

CRITERIA	MEAN RATING	
	STUDENTS	FACULTY
PERCEIVED USEFULNESS	4.68	4.85
PERCEIVED EASE-OF-USE	4.62	4.94
ATTITUDE TOWARDS USING INTERNCONNECT	4.64	4.75
BEHAVIORAL INTENTION TO USE INTERNCONNECT	4.52	5.00

4.50 - 5.00 HIGHLY ACCEPTABLE

1.00 - 1.49 TOTALLY UNACCEPTABLE



OVERALL MEAN SCORE





Student 1

Sobrang useful neto as a student lalo na mag intern na kami sa summer. Less hassle din sa mga pagpapasa. Goodluck po and congrats!



Student 2

This is such a great idea for the students of College of Science especially to the 3rd year Students who will face On the Job Training or OJT. Thank you for this initiative.



Student 3

very nice website, you can widen the range of people who can able to use it in the future (extend the site to other colleges).

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Student 4

The website is useful for students especially like us who is not yet aware on where we can apply for internship/on the job training. This will be beneficial not only to BULSU students but also for other schools/university if this program will be updated from time to time.



Student 5

This InternConnect website is a great idea, making it easier for students to find potential Host Training Establishments to apply to. The addition of features like bookmarks and sections for accepted and rejected applications will helps students to keep track of their application status more efficiently.





Student 6

Overall the concept is great and I can see the website being very useful in the future.



Student 7

hope maging accessible sa lahat,
magandang platform sya lalo sa mag oojt:)



Student 8

This will be very useful & helpful po to both students & instructors, so looking forward po to using it.



Student 9

This thesis is a good platform for the student to find a guide for the upcoming internship program. Goodluck and Ajaaaa!



Student 10

This will be helpful once used by the university

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SUMMARY OF FINDINGS



InternConnect: Efficient, Secure, and Scalable

Addressing Challenges Through Key Features



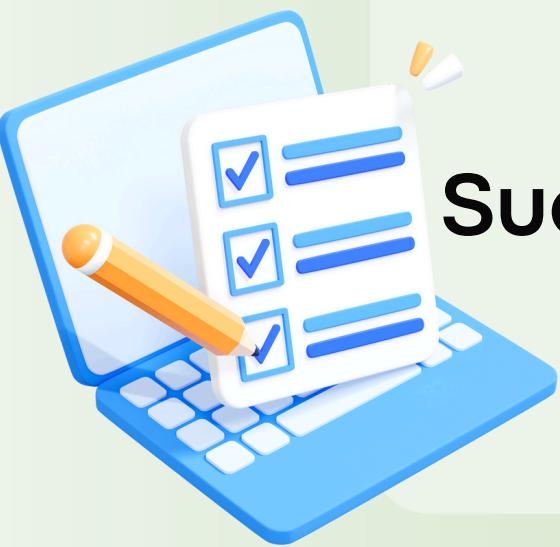
High Compliance with Quality Standards

Strong User Approval from Students & Faculty



CONCLUSION

Success in Core Functionalities



Key Features Address Critical Challenges



Meets High Quality Standards



Strong Approval from Users



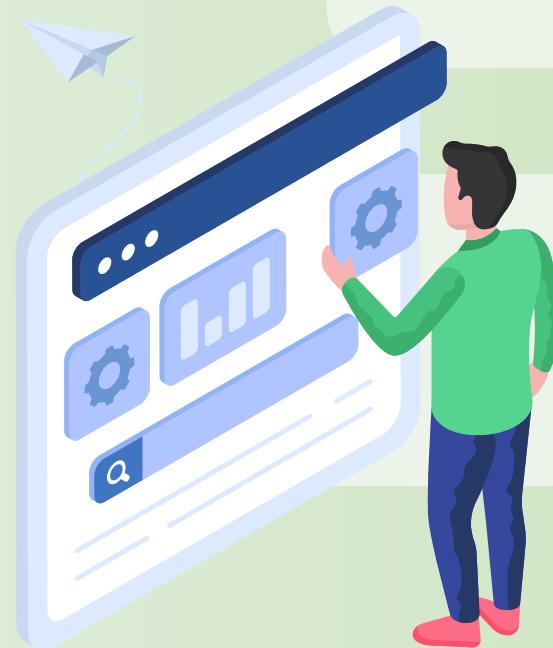
RECOMMENDATIONS



Enhance Mobile Responsiveness



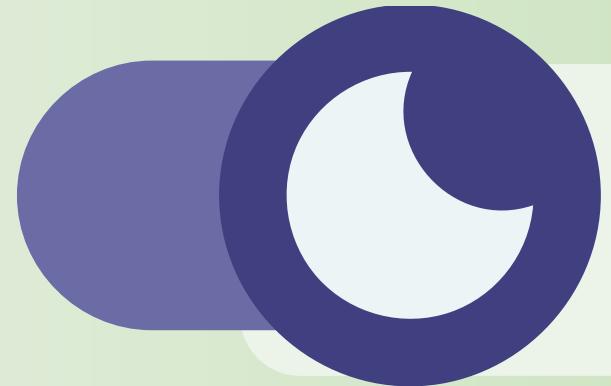
Expand Cloud Storage Capacity



Simplify the User Interface



RECOMMENDATIONS



Introduce Dark Mode

Scale for Bulacan State University



Prioritize Inclusivity for PWDs





**NOW, THE SYSTEM
DEMONSTRATION**

